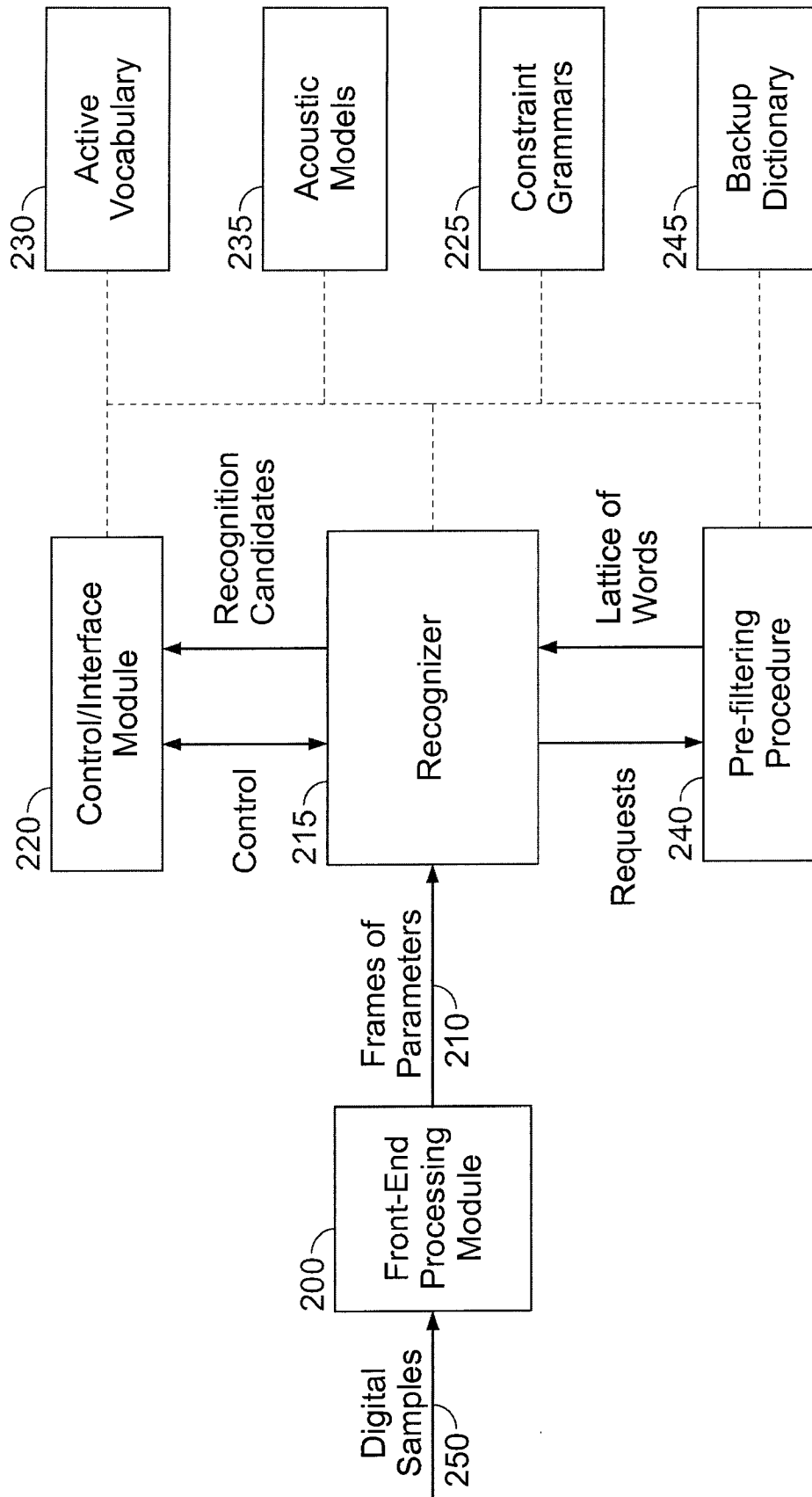
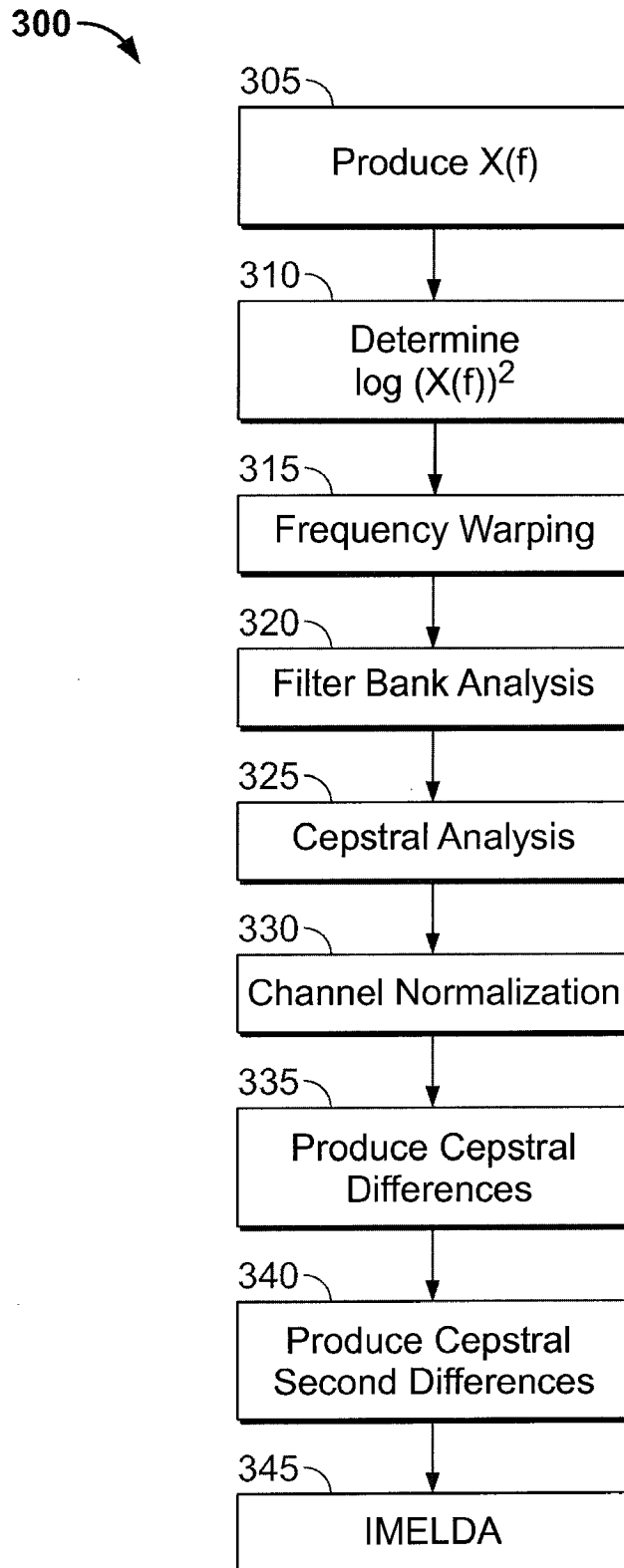


**FIG. 1**  
**(Prior Art)**



**FIG. 2**  
**(Prior Art)**



**FIG. 3**  
**(Prior Art)**

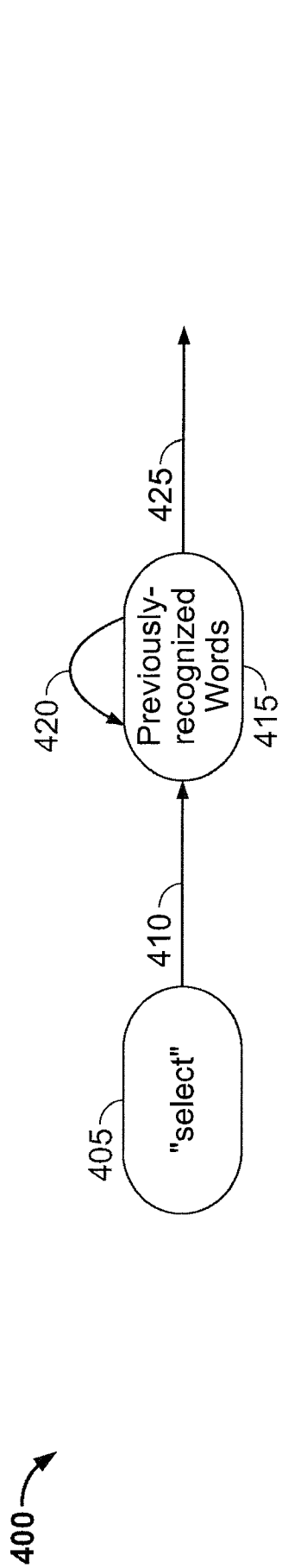


FIG. 4A  
(Prior Art)

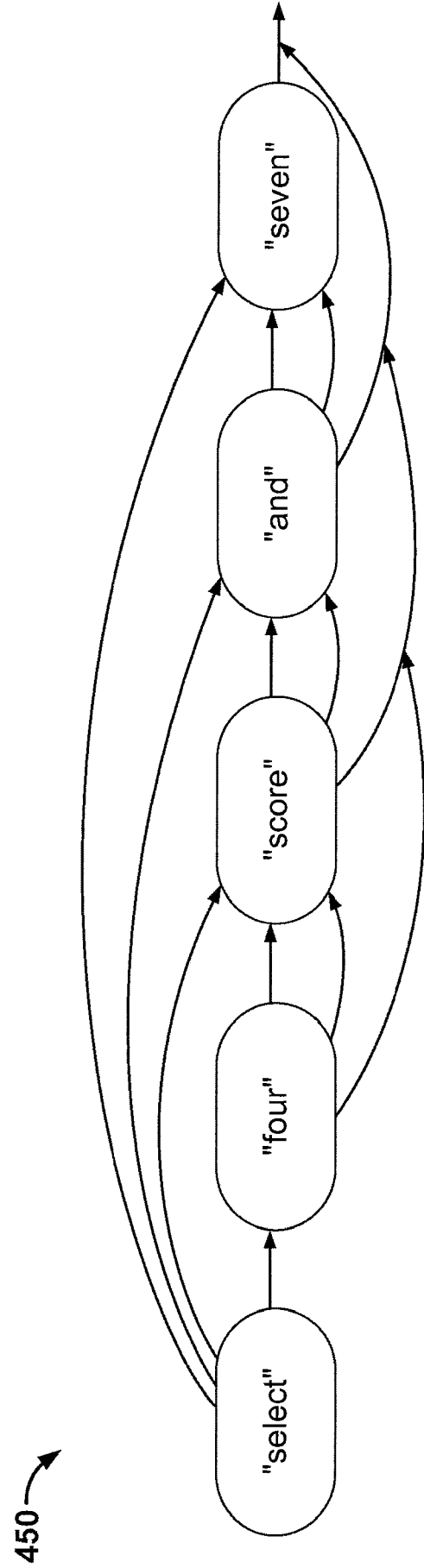
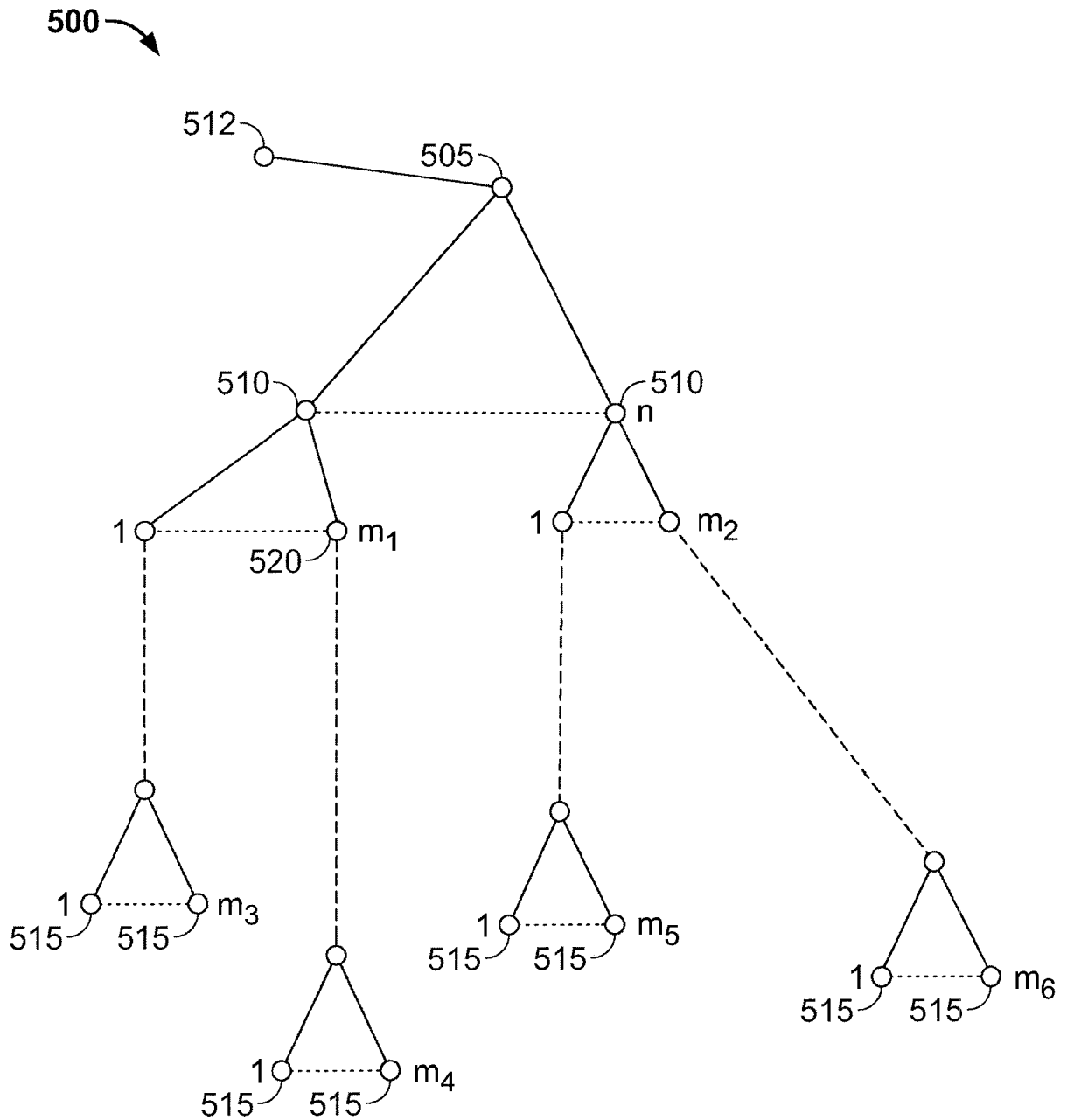
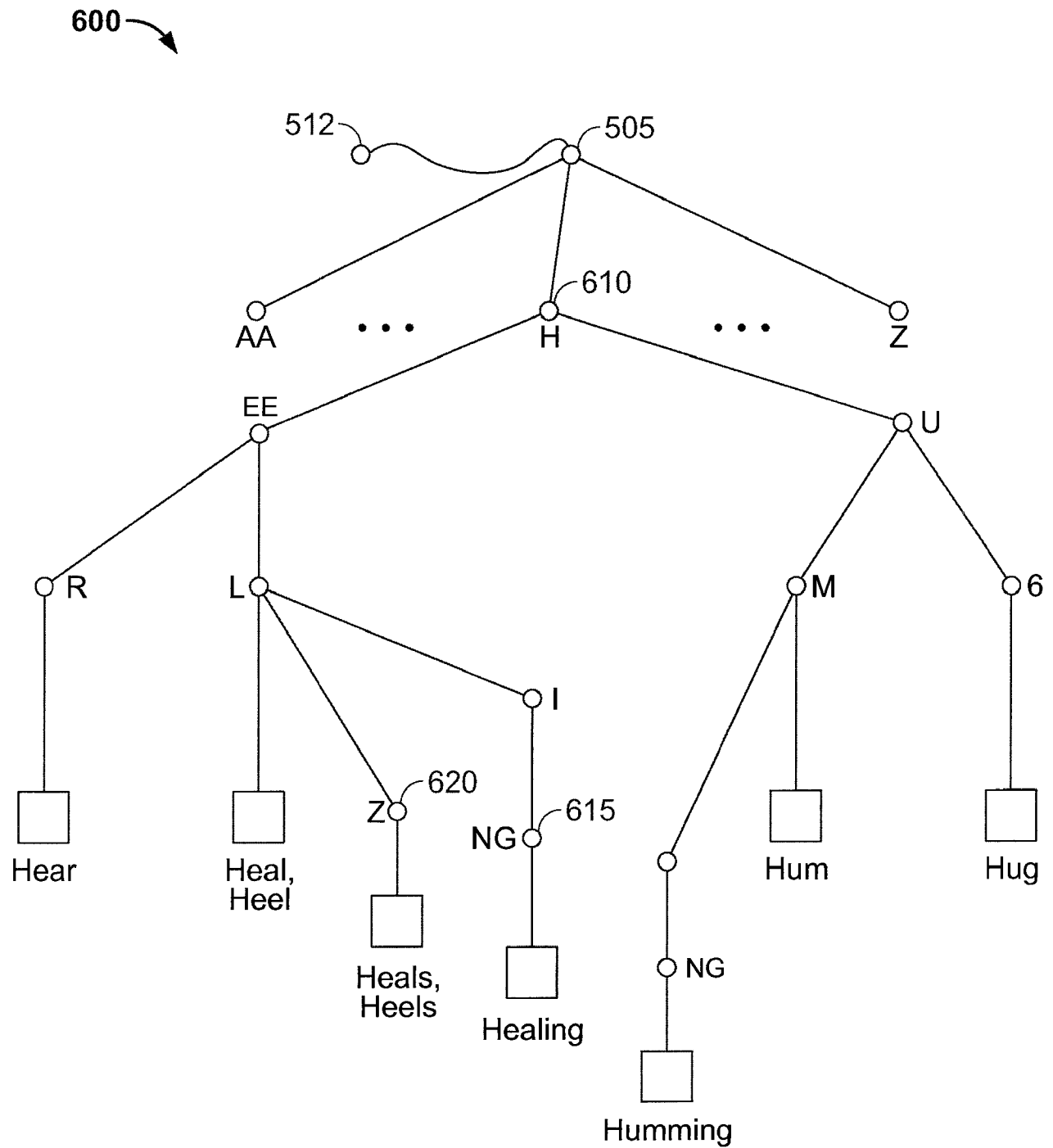


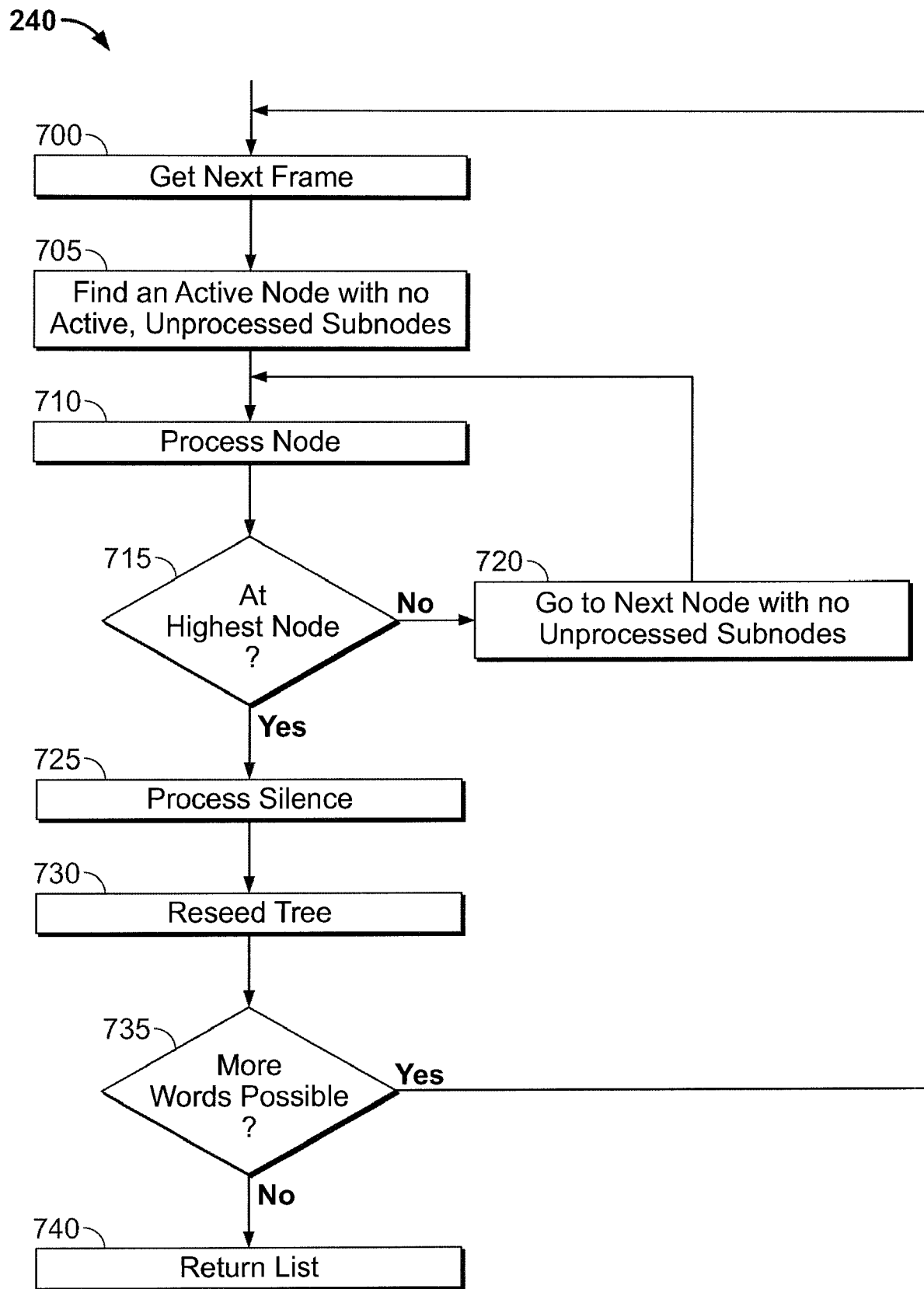
FIG. 4B  
(Prior Art)



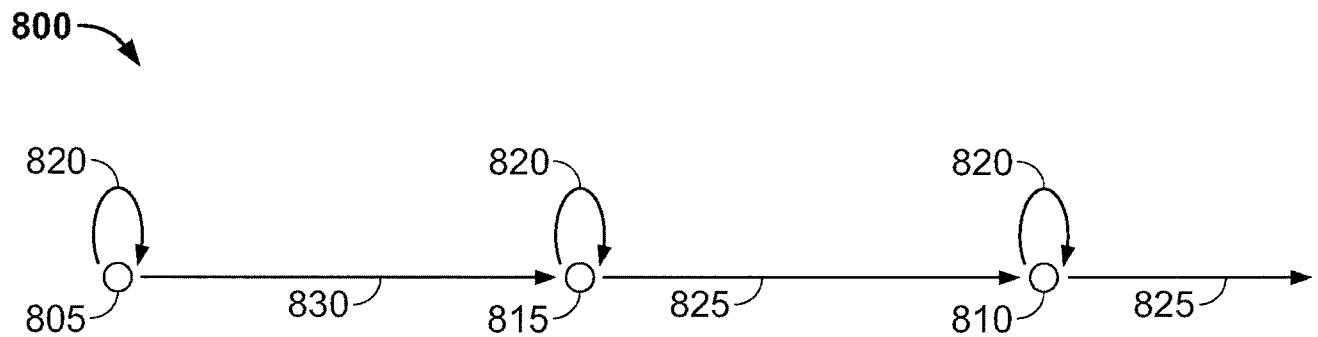
**FIG. 5**  
**(Prior Art)**



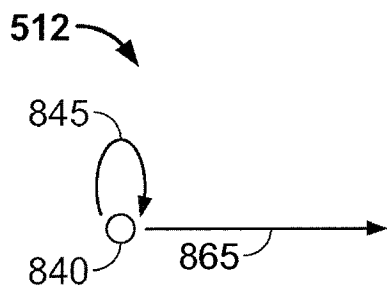
**FIG. 6**  
**(Prior Art)**



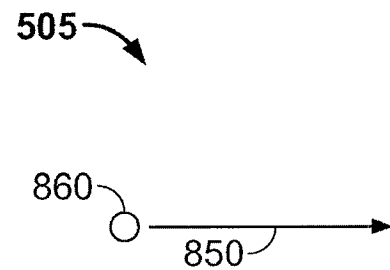
**FIG. 7**  
**(Prior Art)**



**FIG. 8A**  
**(Prior Art)**



**FIG. 8B**  
**(Prior Art)**



**FIG. 8C**  
**(Prior Art)**

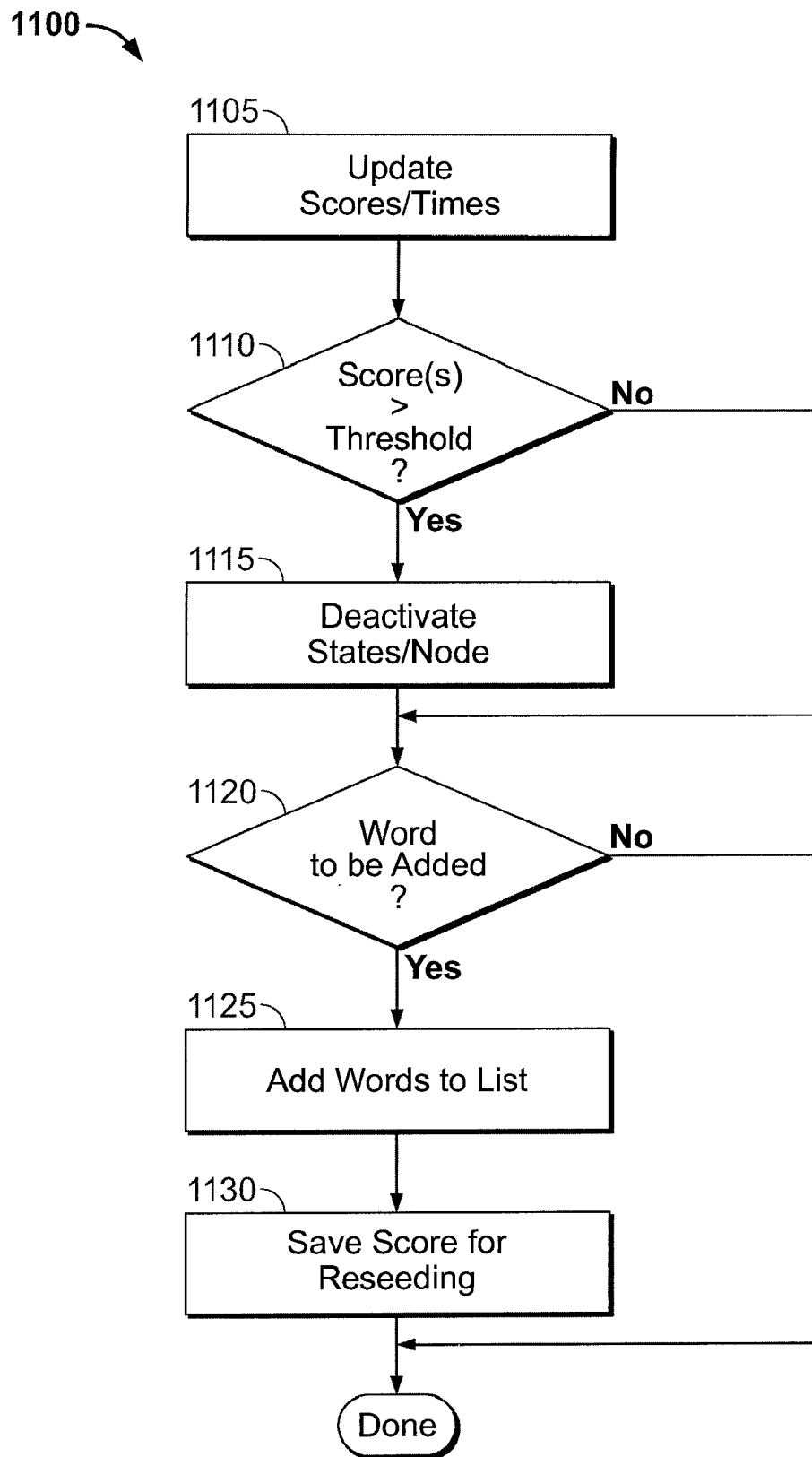


Frame	840 ("A")	805 ("B")	810 ("C")	815 ("D")	Next Node ("N")
900 0	0	-----	-----	-----	-----
905 1	$S_{A1}=A_{A1}$	$S_{B1}=A_{B1}$	-----	-----	-----
910 2	$S_{A2}=S_{A1}+A_{A2}$	$S_{B2}=\min(S_{B1}+stay_B, S_{A1})+A_{B2}$	$S_{C2}=S_{B1}+leave_B+A_{C2}$	-----	-----
915 3	$S_{A3}=S_{A2}+A_{A3}$	$S_{B3}=\min(S_{B2}+stay_B, S_{A2})+A_{B3}$	$S_{C3}=\min(S_{C2}+stay_C, S_{B2}+leave_B)+A_{C3}$	-----	-----
920 4	$S_{A4}=S_{A3}+A_{A4}$	$S_{B4}=\min(S_{B3}+stay_B, S_{A3})+A_{B4}$	$S_{C4}=\min(S_{C3}+stay_C, S_{B3}+leave_B)+A_{C4}$	$S_{D3}=S_{C2}+leave_C+A_{D3}$ $S_{D4}=\min(S_{D3}+stay_D, S_{C3}+leave_C)+A_{D4}$	$S_{N4}=S_{D2}+leave_D+A_{D4}$
•					
•					
•					
925 n	$S_{An}=S_{An-1}+A_{An}$	$S_{Bn}=\min(S_{Bn-1}+stay_B, S_{An-1})+A_{Bn}$	$S_{Cn}=\min(S_{Cn-1}+stay_C, S_{Bn-1}+leave_B)+A_{Cn}$	$S_{Dn}=\min(S_{Dn-1}+stay_D, S_{Cn-1}+leave_C)+A_{Dn}$	$S_{Nn}=\min(S_{Nn-1}+stay_M, S_{Mn-1}+leave_M)+A_{Nn}$

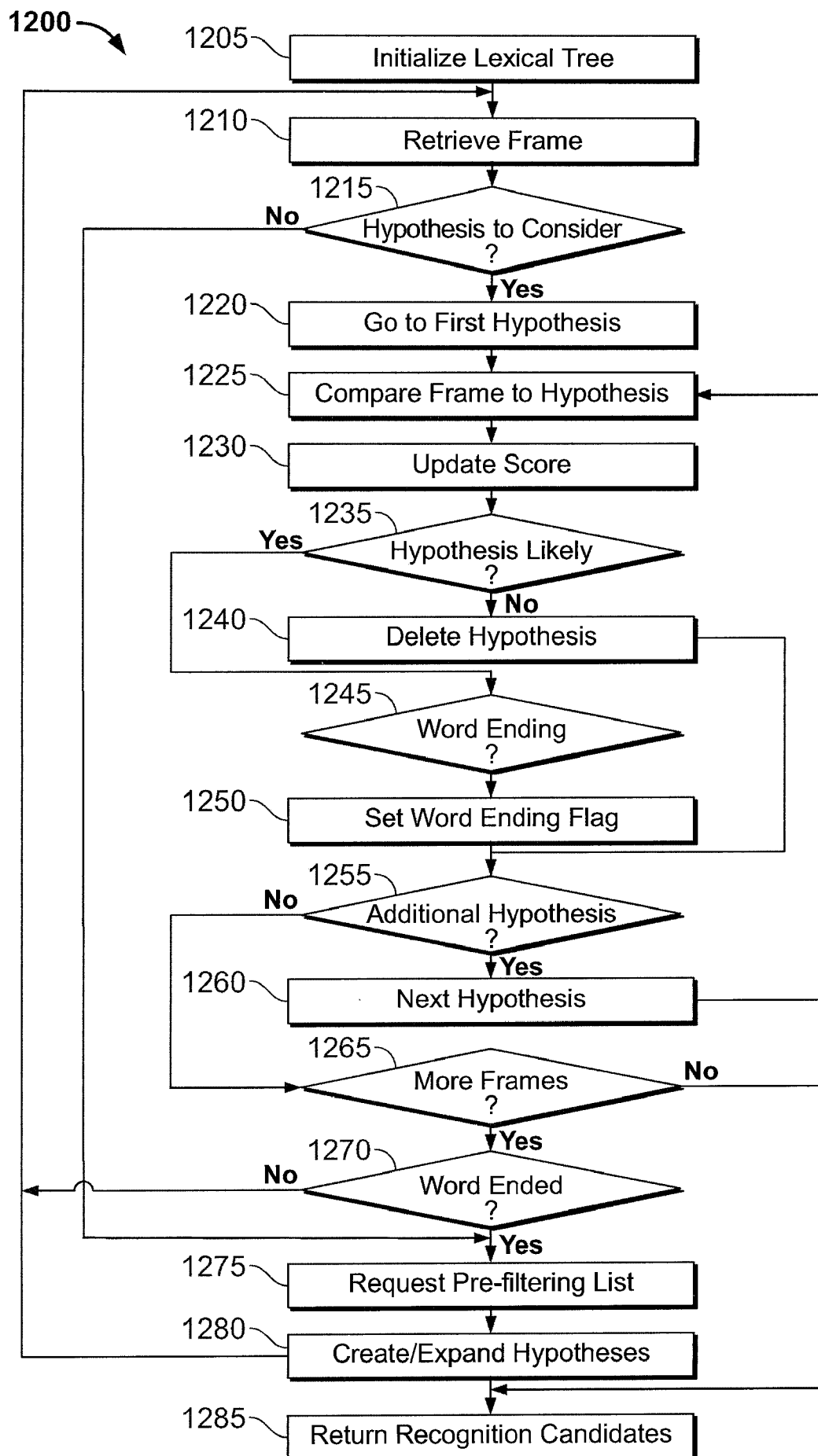
**FIG. 9**  
(Prior Art)

Frame	810 ("A")	805 ("B")	810 ("C")	815 ("D")	Next Node ("N")
900 0	$S_{A0}=0$	-----	-----	-----	-----
905 1	$S_{A1}=f(S_{A0}, A_{A1})$	$S_{B1}=f(S_{A0}, A_{B1})$	-----	-----	-----
910 2	$S_{A2}=f(S_{A1}, A_{A2})$	$S_{B2}=f(S_{B1}, stay_B, S_{A1}, A_{B2})$	$S_{C2}=f(S_{B1}, leave_B, A_{C2})$	-----	-----
915 3	$S_{A3}=f(S_{A2}, A_{A3})$	$S_{B3}=f(S_{B2}, stay_B, S_{A2}, A_{B3})$	$S_{C3}=f(S_{C2}, stay_C, S_{B2}, leave_B, A_{C3})$	$S_{D3}=f(S_{C2}, leave_C, A_{D3})$	-----
920 4	$S_{A4}=f(S_{A3}, A_{A4})$	$S_{B4}=f(S_{B3}, stay_B, S_{A3}, A_{B4})$	$S_{C4}=f(S_{C3}, stay_C, S_{B3}, leave_B, A_{C4})$	$S_{D4}=f(S_{D3}, stay_D, S_{C3}, leave_C, A_{D4})$	$S_{N4}=f(S_{D3}, leave_D, A_{D3})$
•					
•					
•					
925 n	$S_{An}=f(S_{An-1}, A_{An})$	$S_{Bn}=f(S_{Bn-1}, stay_B, S_{An-1}, A_{Bn})$	$S_{Cn}=f(S_{Cn-1}, stay_C, S_{Bn-1}, leave_B, A_{Cn})$	$S_{Dn}=f(S_{Dn-1}, stay_D, S_{Cn-1}, leave_C, A_{Dn})$	$S_{Nn}=f(S_{Dn-1}, leave_N, A_{Nn})$

**FIG. 10**  
(Prior Art)



**FIG. 11**  
**(Prior Art)**



**FIG. 12**  
**(Prior Art)**

1300 →

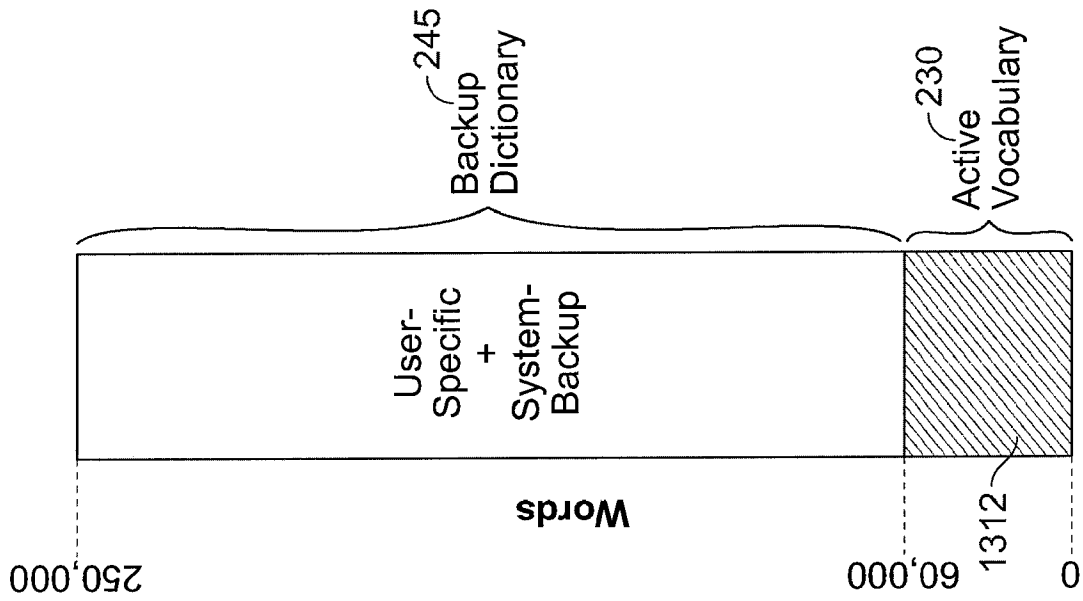


FIG. 13A

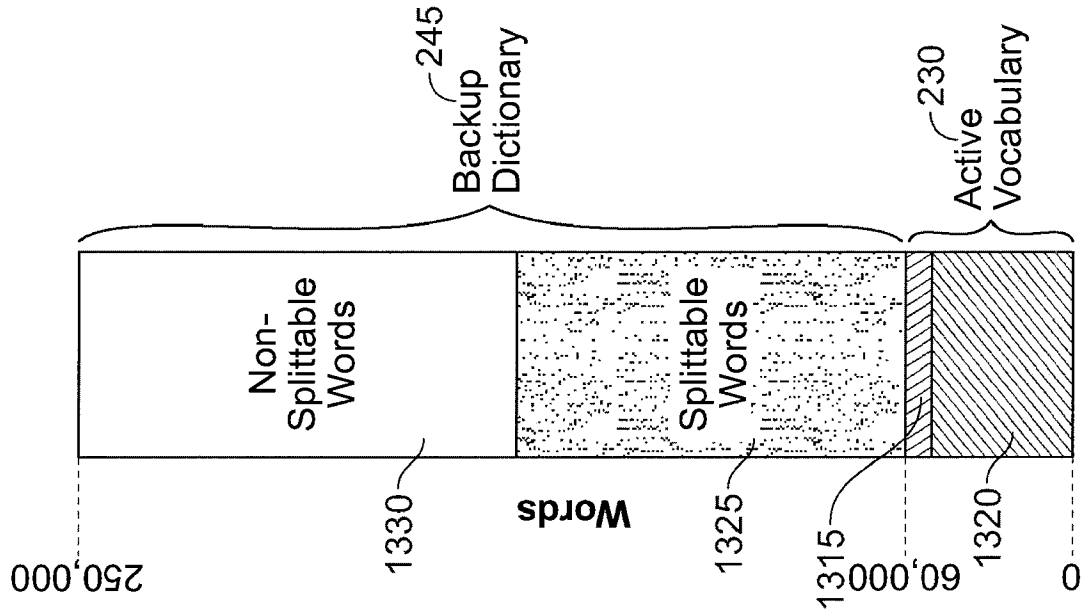
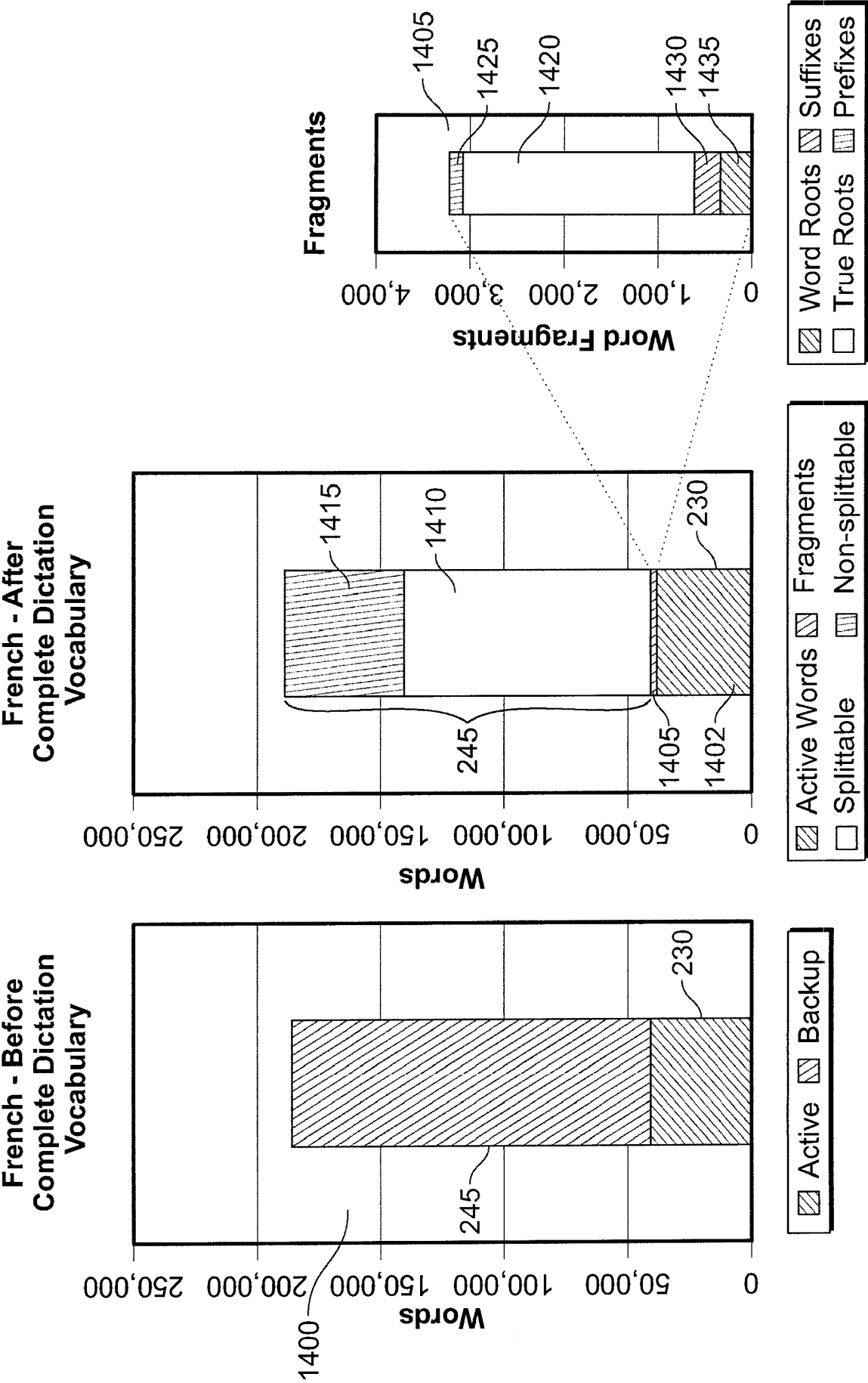


FIG. 13B



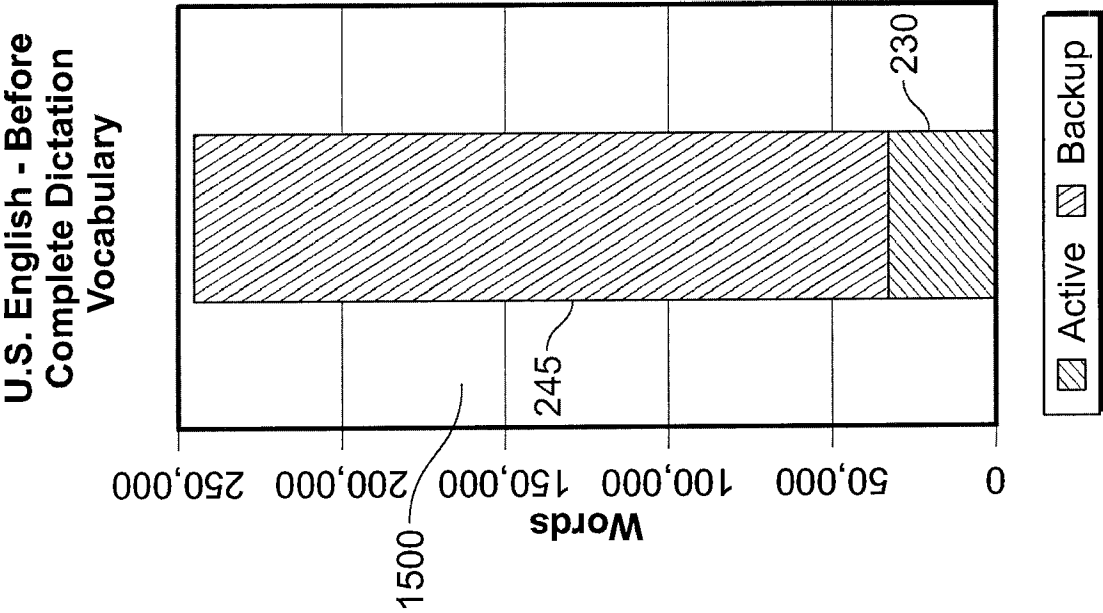


FIG. 15A

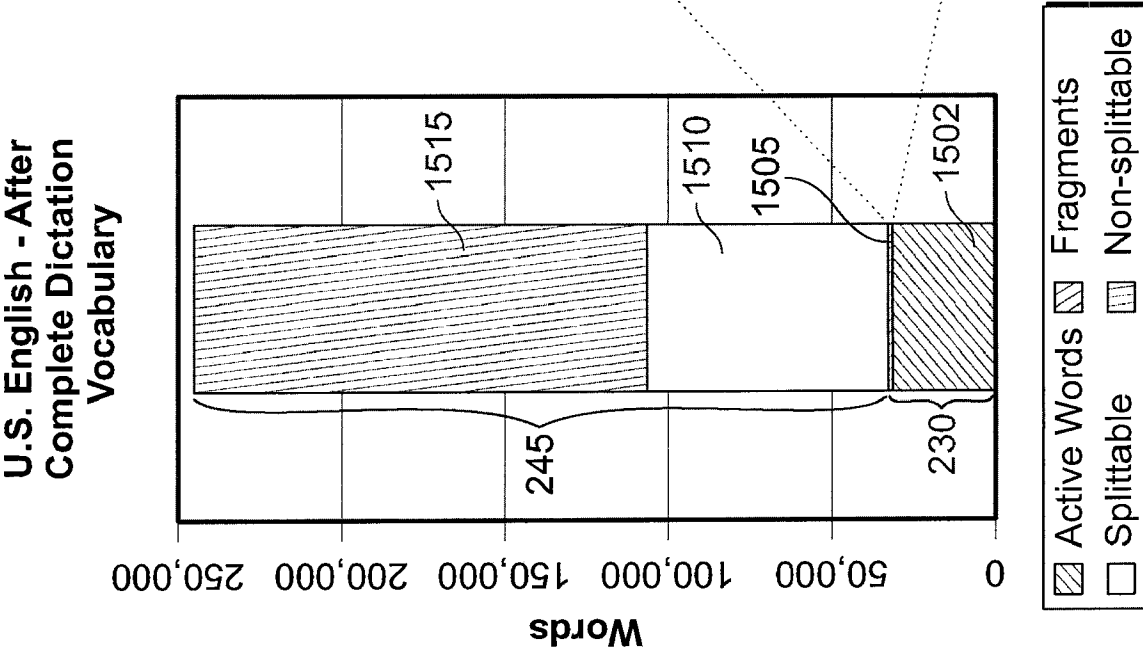


FIG. 15B

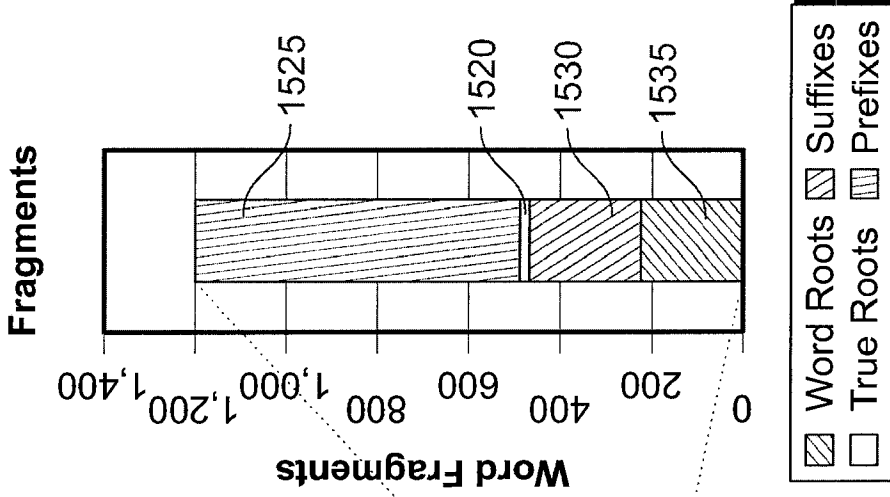
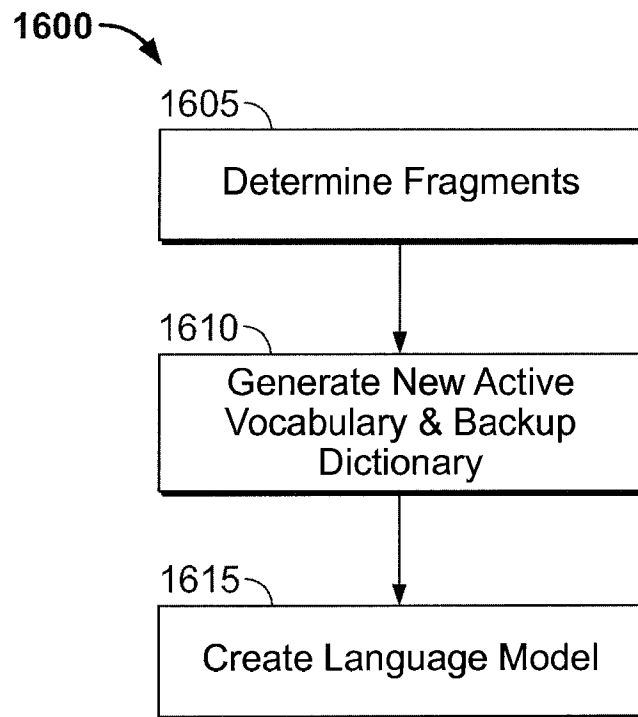
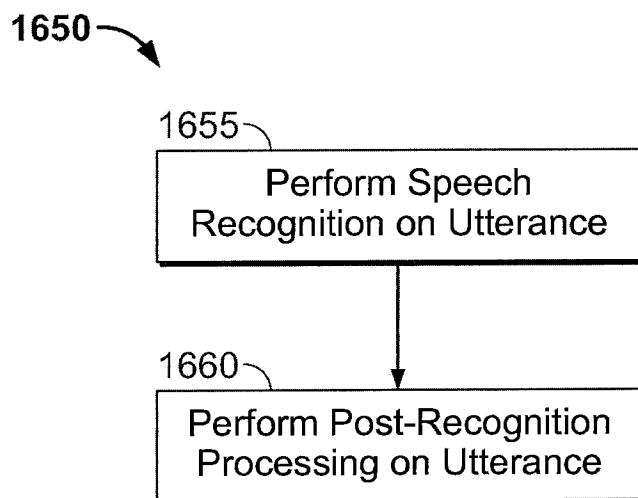


FIG. 15C



**FIG. 16A**



**FIG. 16B**

1605

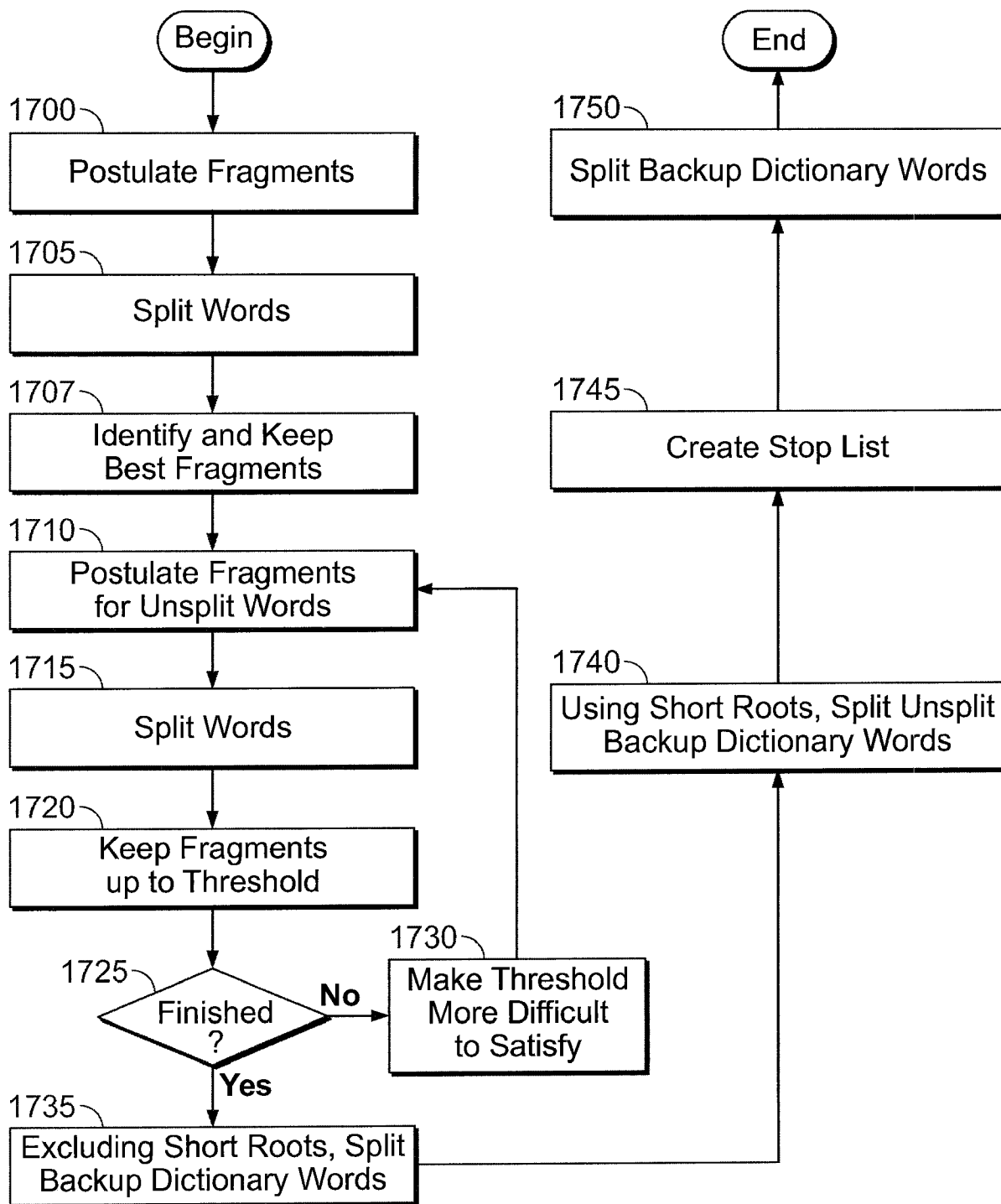


FIG. 17



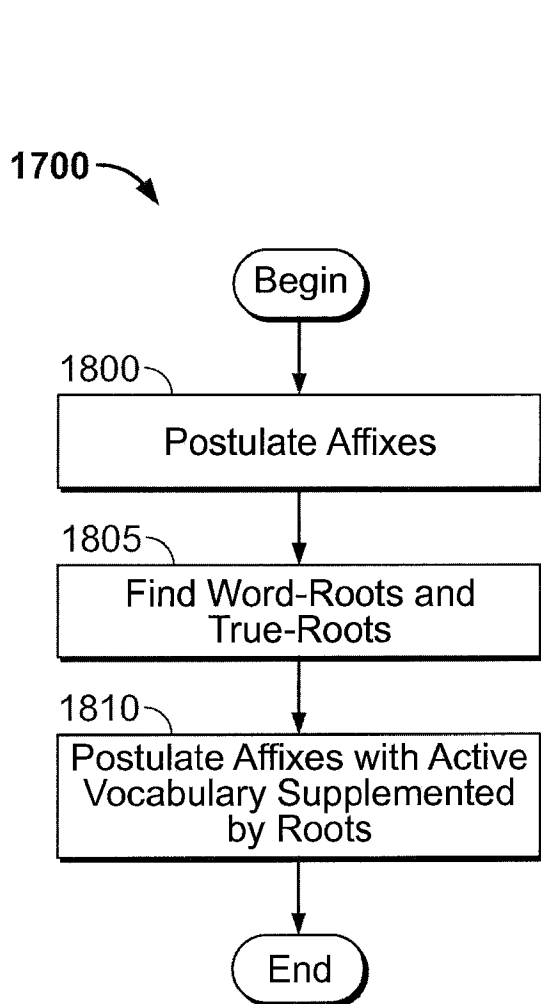


FIG. 18

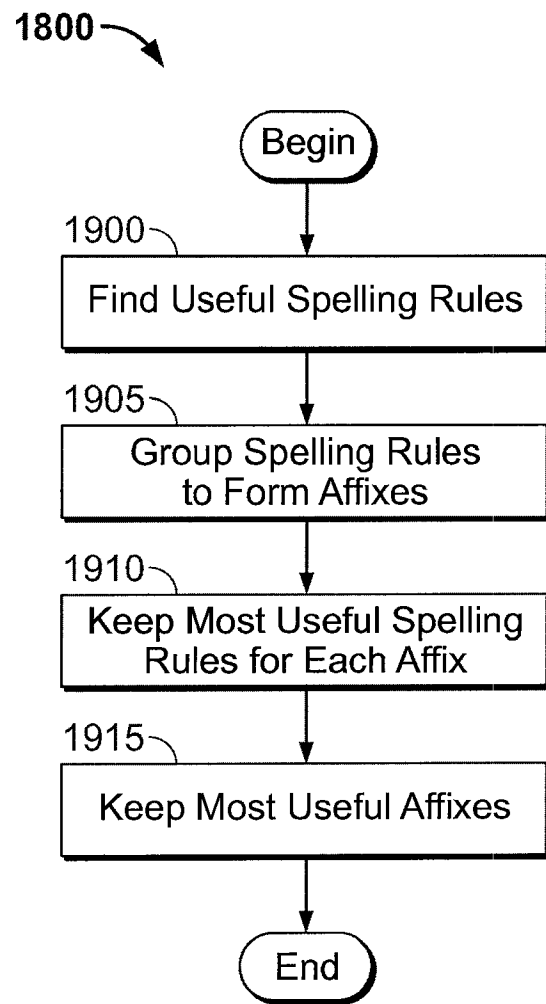


FIG. 19

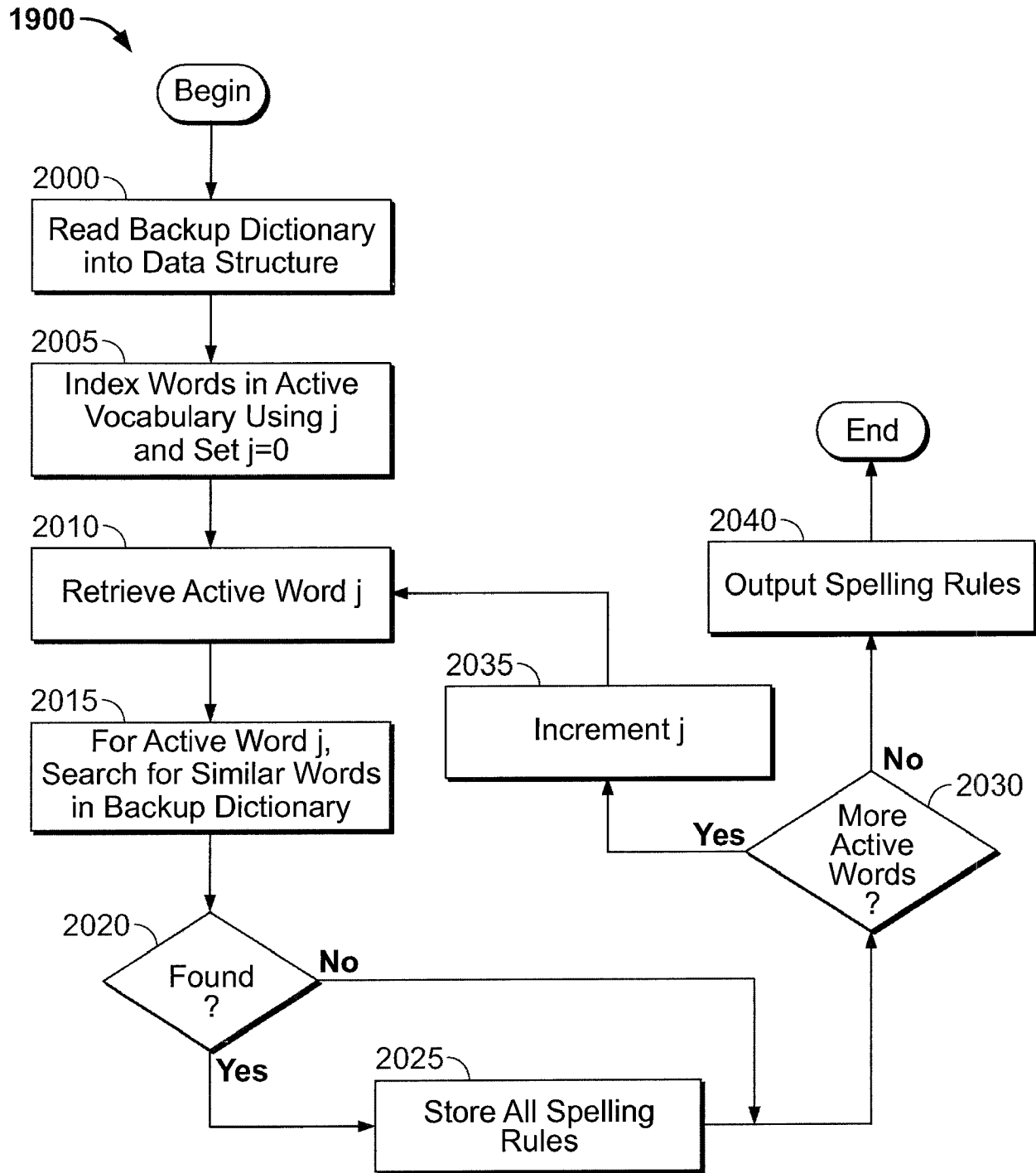


FIG. 20

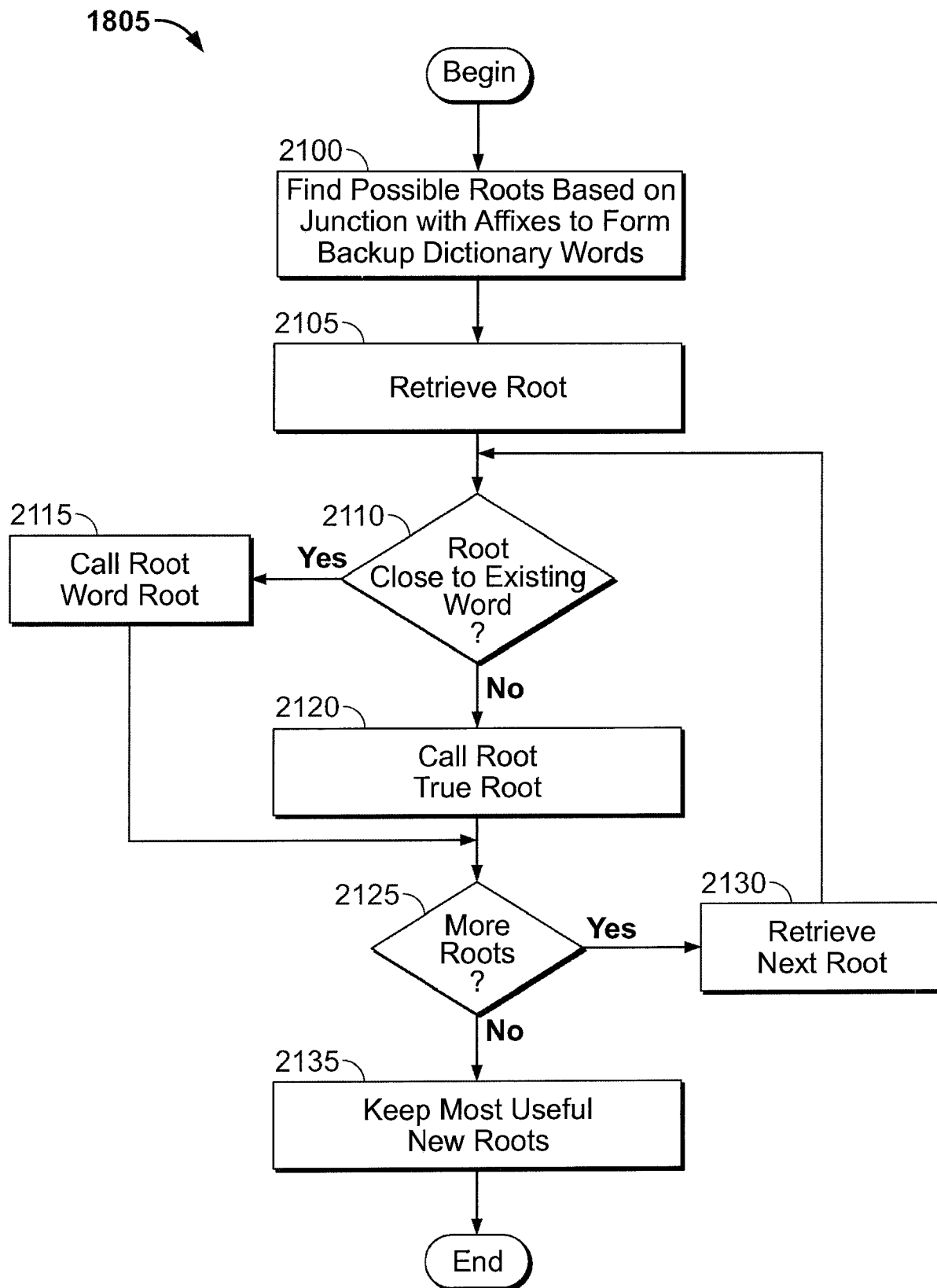


FIG. 21

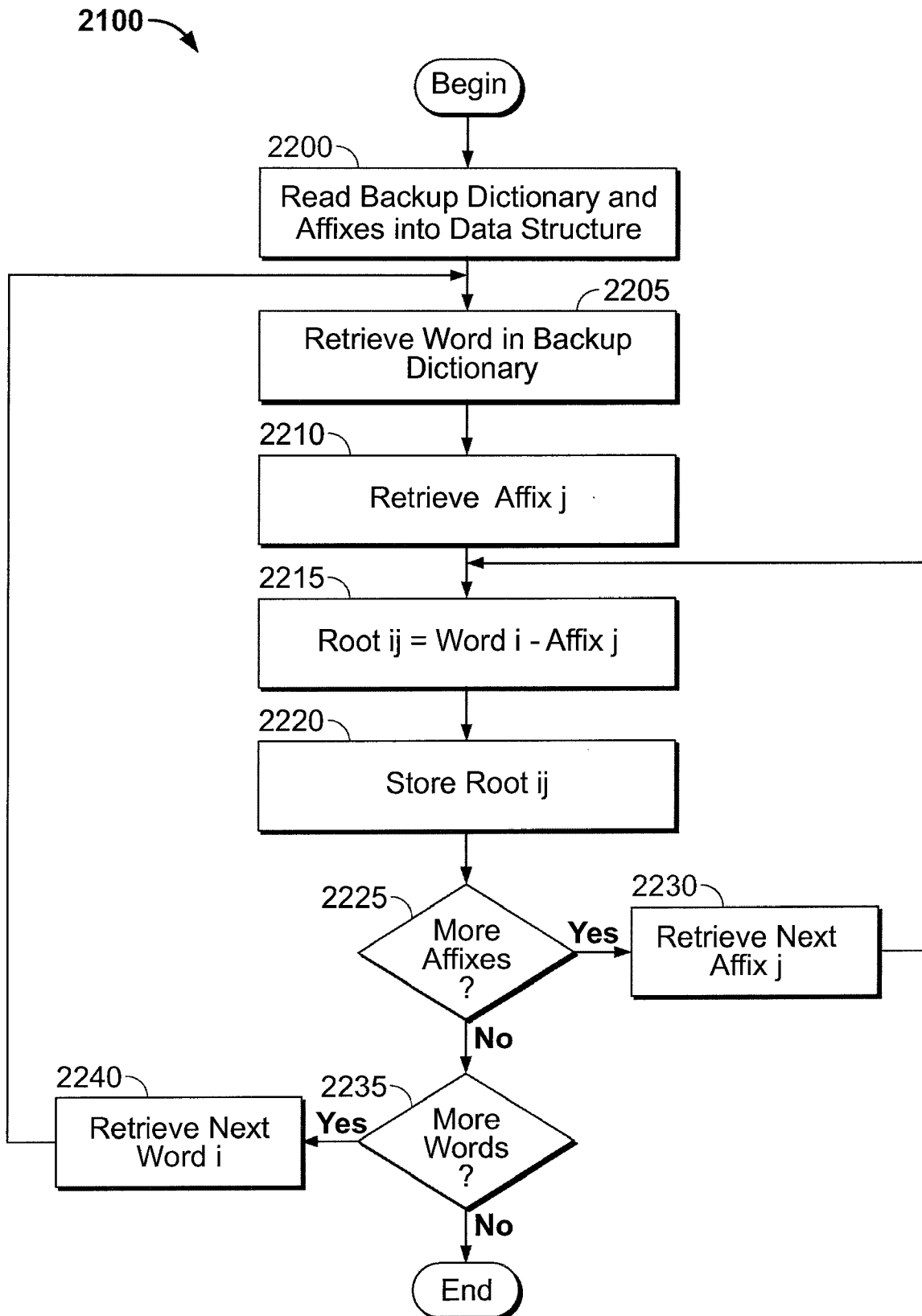
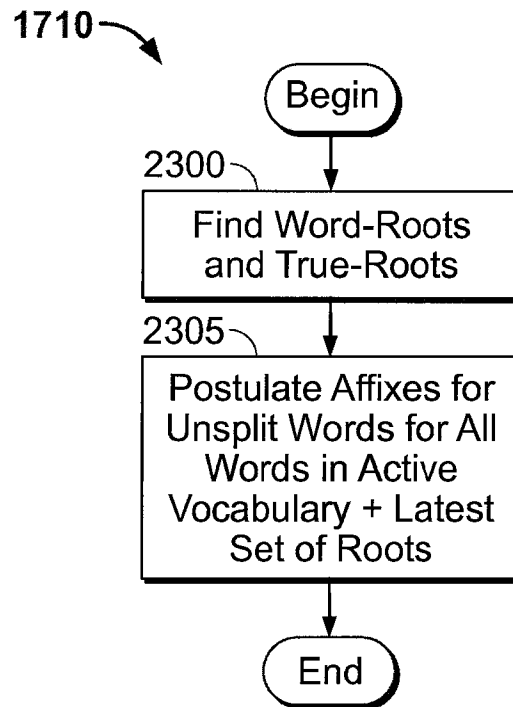
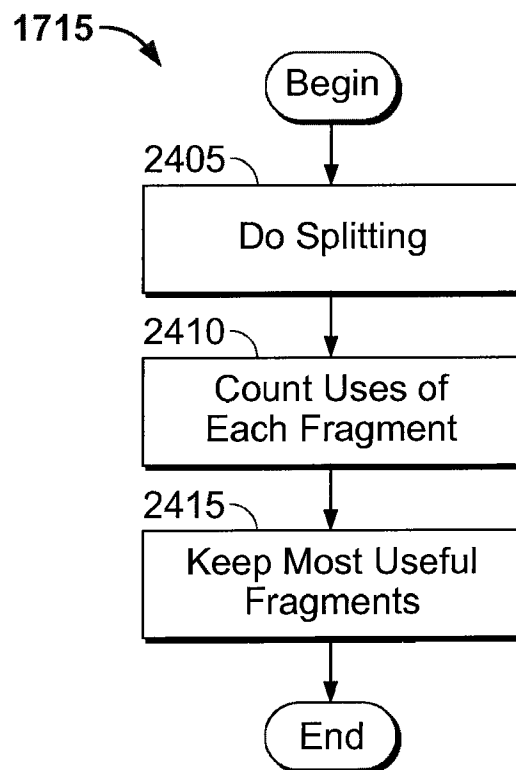


FIG. 22



**FIG. 23**



**FIG. 24**

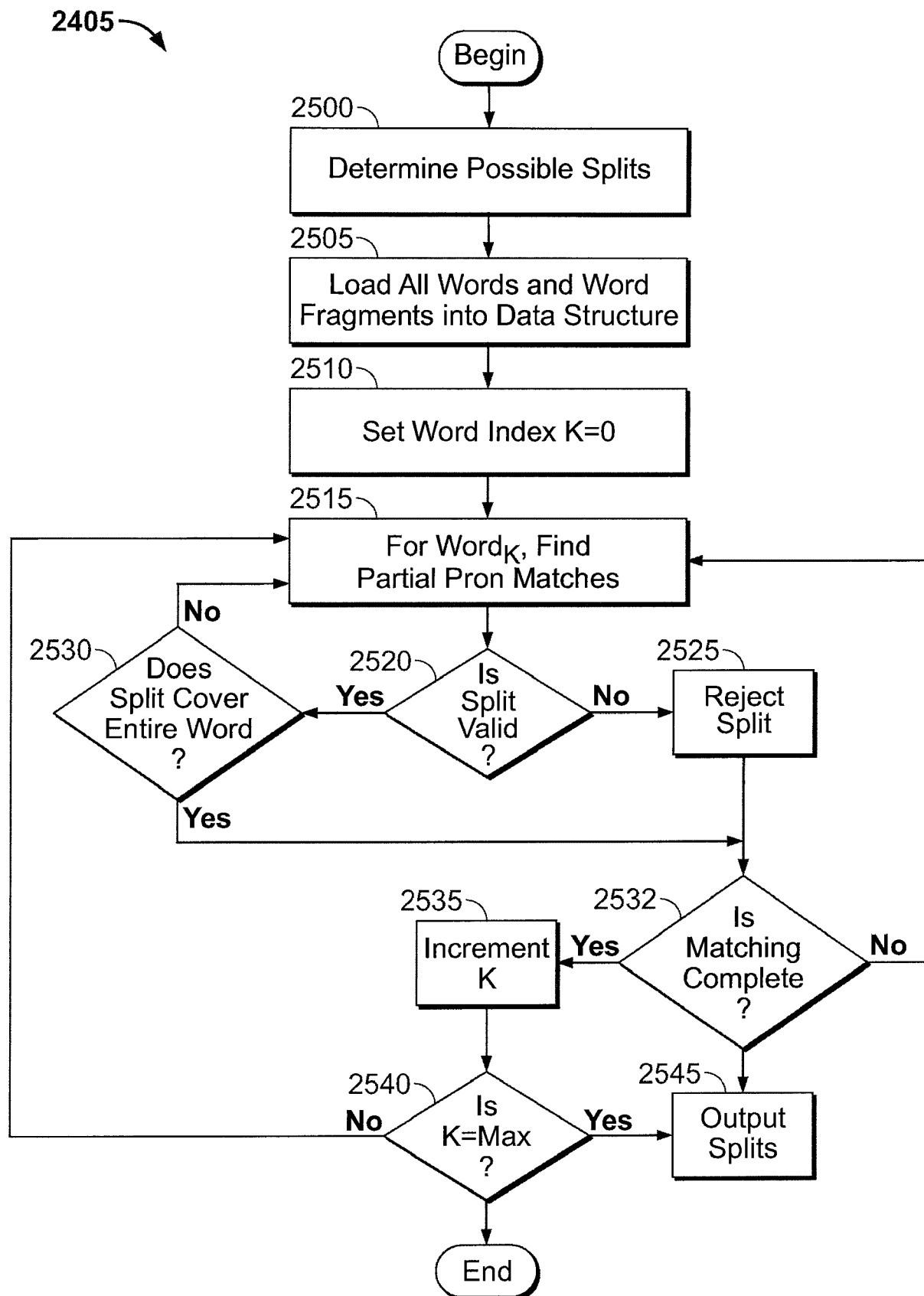
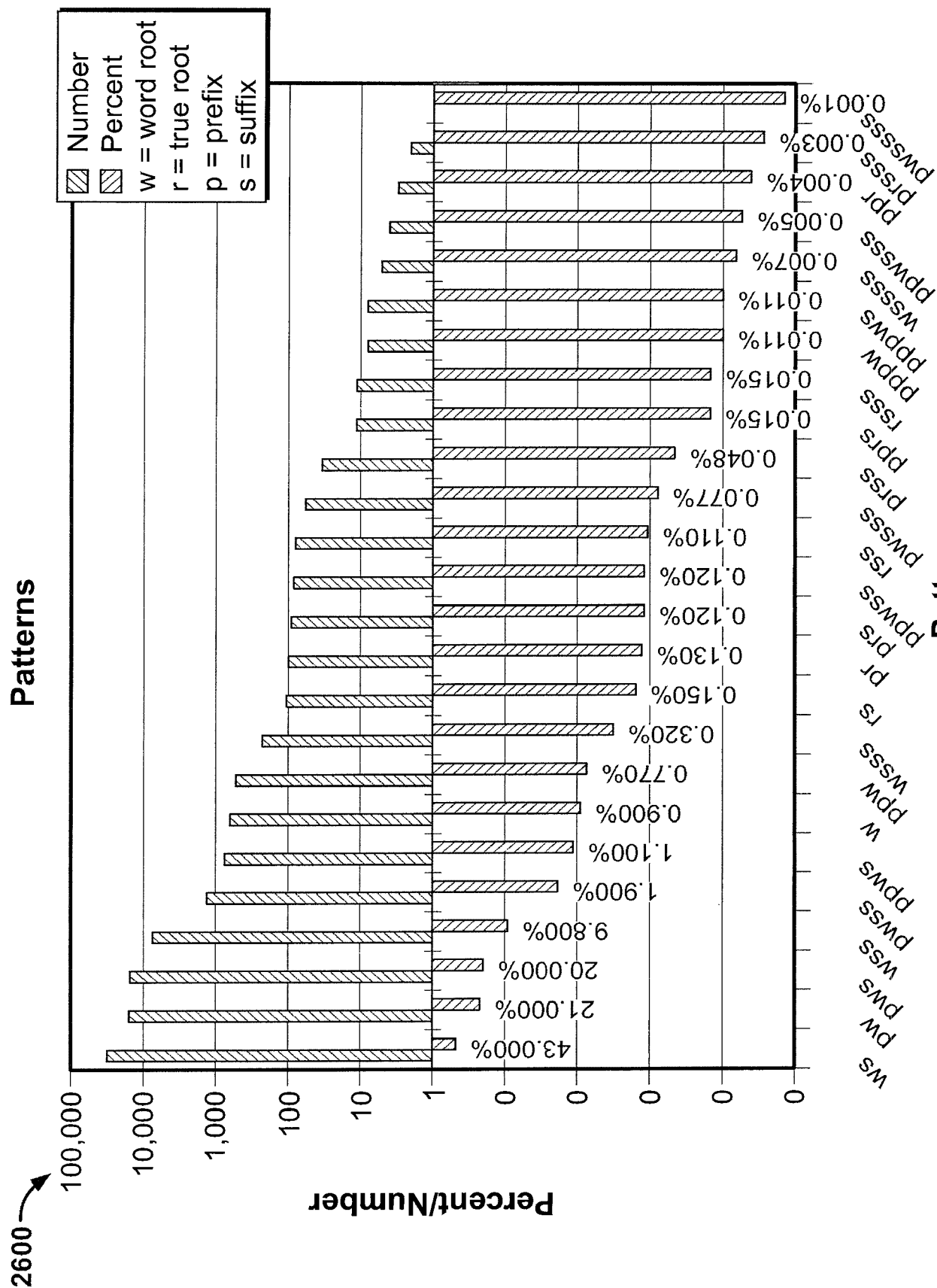


FIG. 25



**Patterns**  
**FIG. 26**

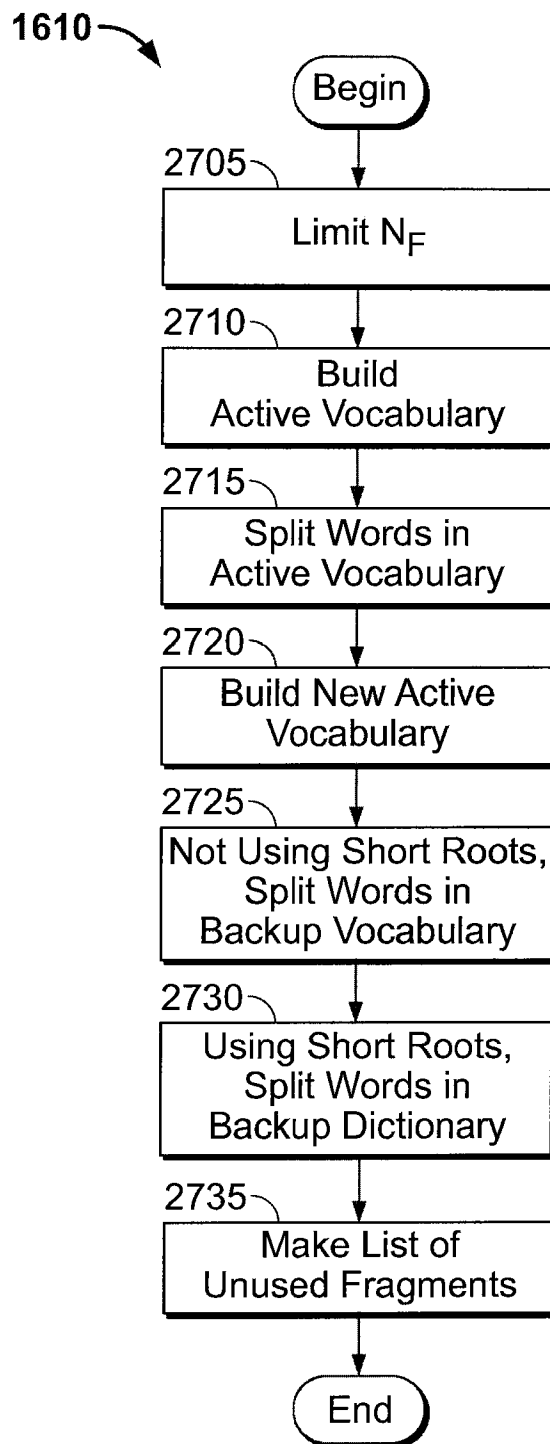


FIG. 27



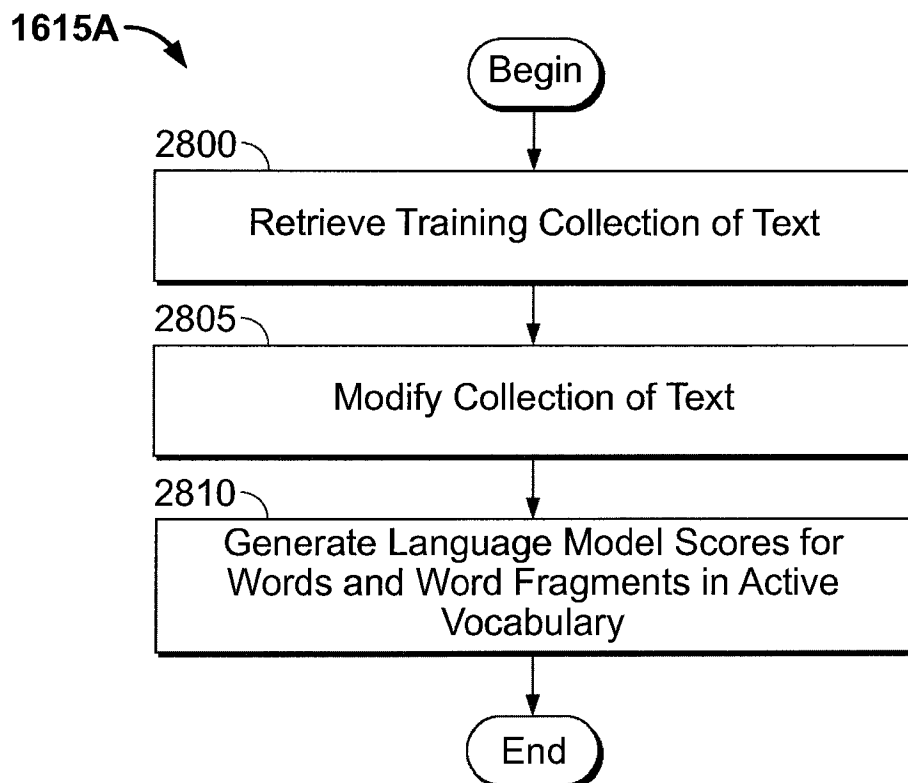


FIG. 28A

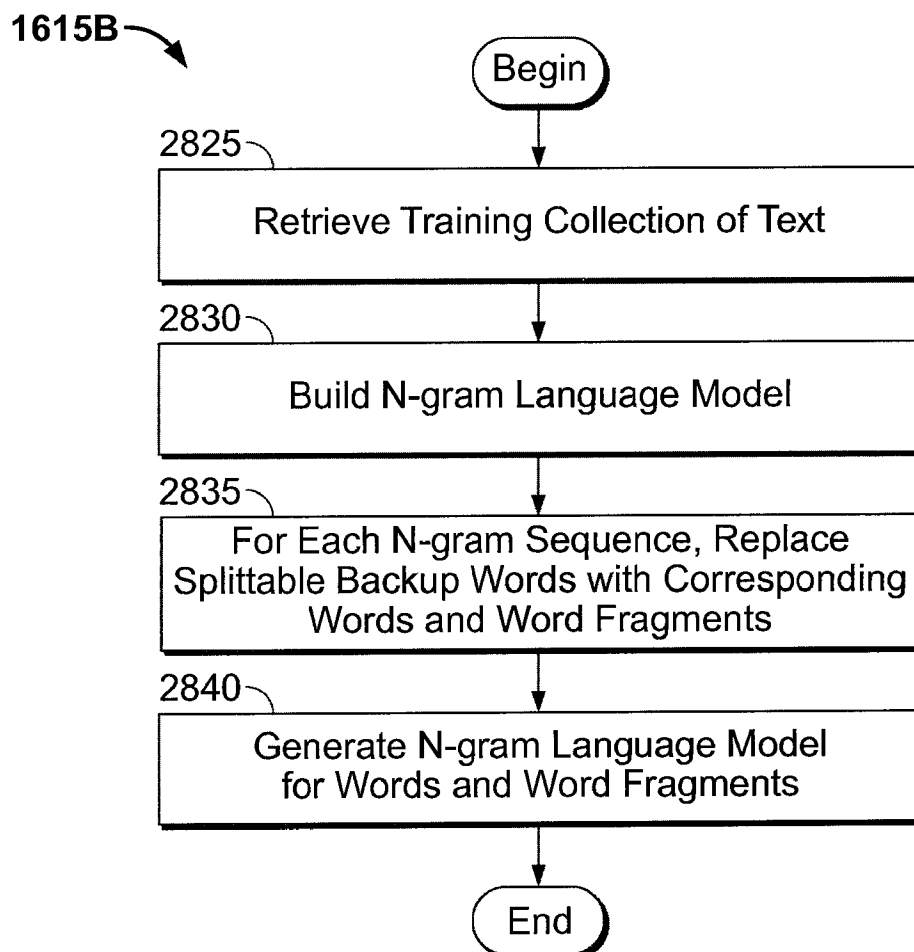


FIG. 28B

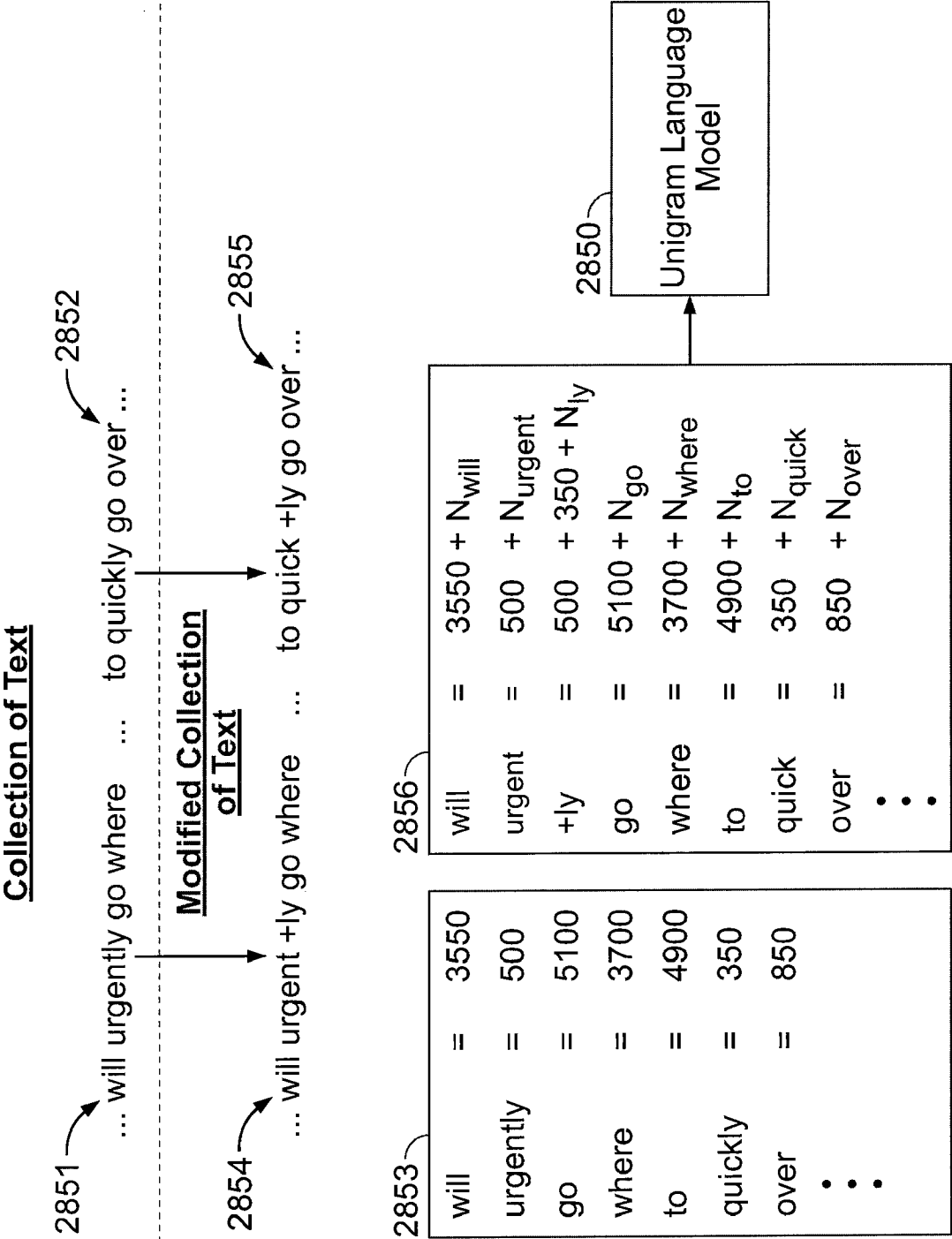


FIG. 28C

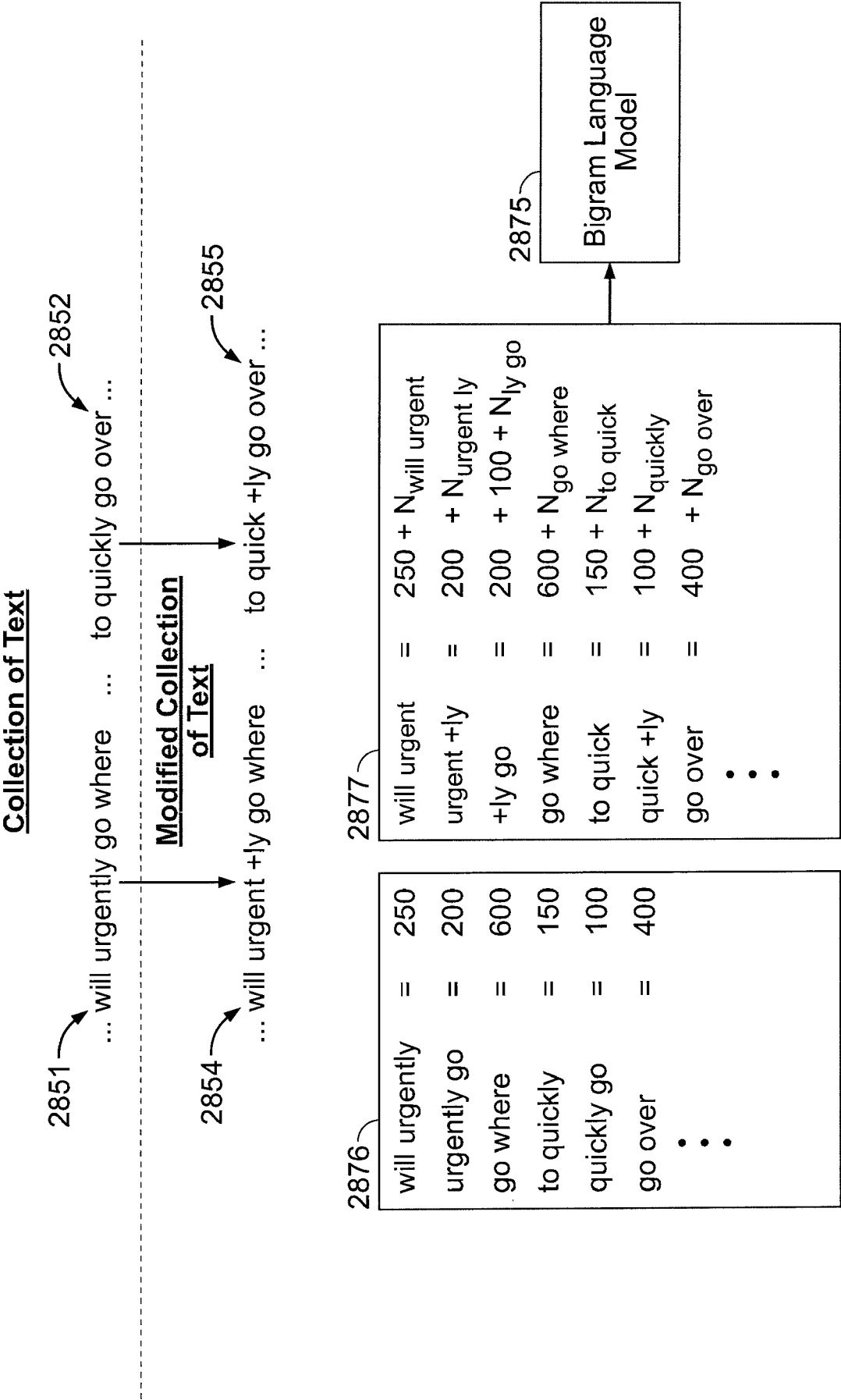


FIG. 28D

### **Collection of Text**

Whenever I find myself growing grim about the mouth; whenever it is a damp, drizzly November in my soul; whenever I find myself involuntarily pausing before coffin warehouses, and bringing up the rear of every funeral I meet; and especially whenever my hypos get such an upper hand of me, that it requires a strong moral principle to prevent me from deliberately stepping into the street, and methodically knocking people's hats off- then, I account it high time to get to sea as soon as I can.

### **Modified Collection of Text**

When +ever I find my +self grow +ing grim about the mouth; when +ever it is a damp, drizzle +ly November in my soul; when +ever I find my +self in+ voluntarily pause +ing before coffin ware +house +es, and bring +ing up the rear of every funeral I meet; and e+ special +ly when +ever my hypos get such an up +er hand of me, that it require +s a strong moral principle to pre+ vent me from deliberate +ly step +ing into the street, and methodical +ly knock +ing people's hats off- then, I account it high time to get to sea as soon as I can.

**FIG. 28E**

2880

Active Vocabulary Element	Unigram Frequency
when	4
+ever	4
I	5
find	2
my	4
self	2
grow	1
+ing	5
drizzle	1
+ly	4
method	1
⋮	⋮

FIG. 28F

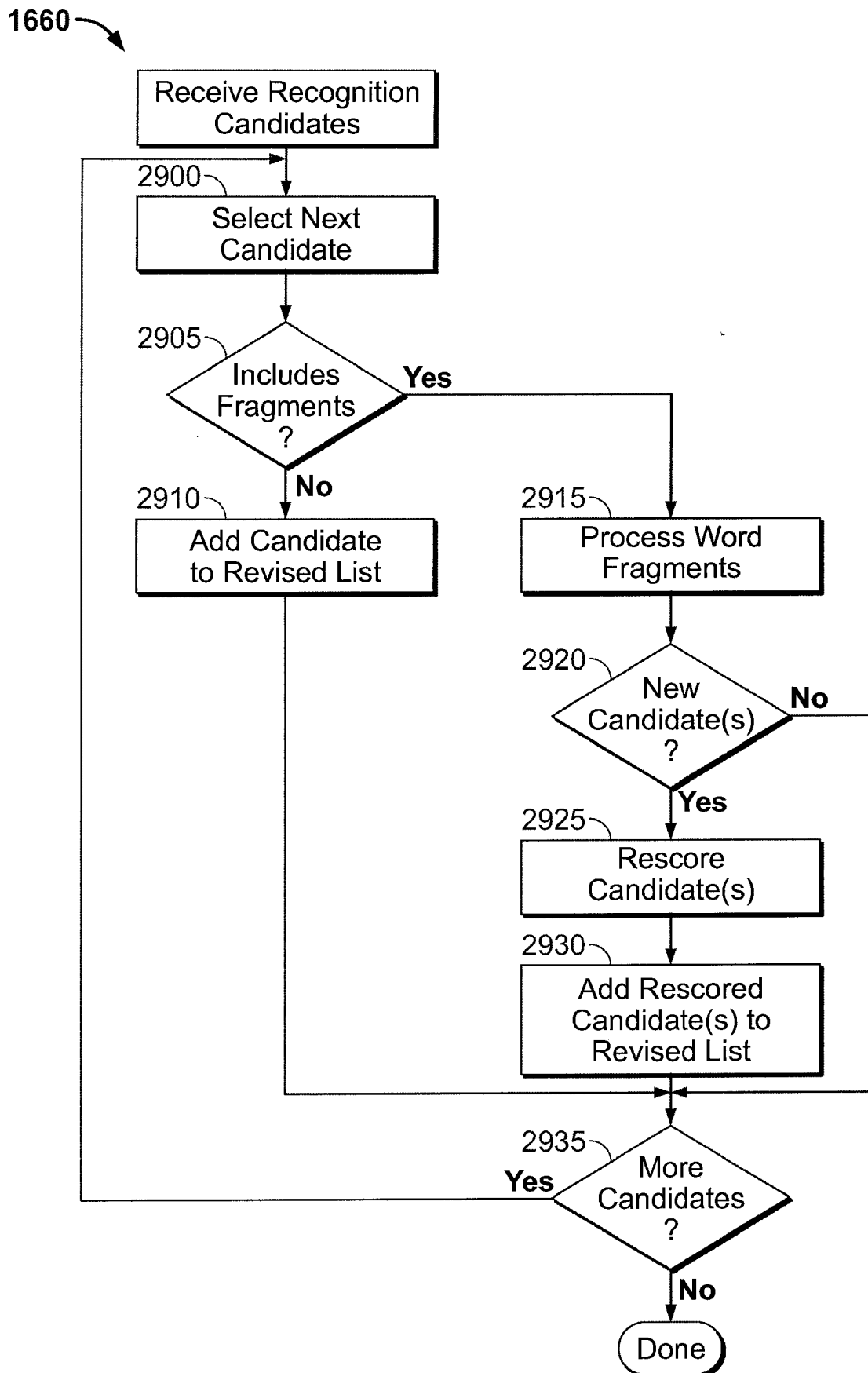


FIG. 29

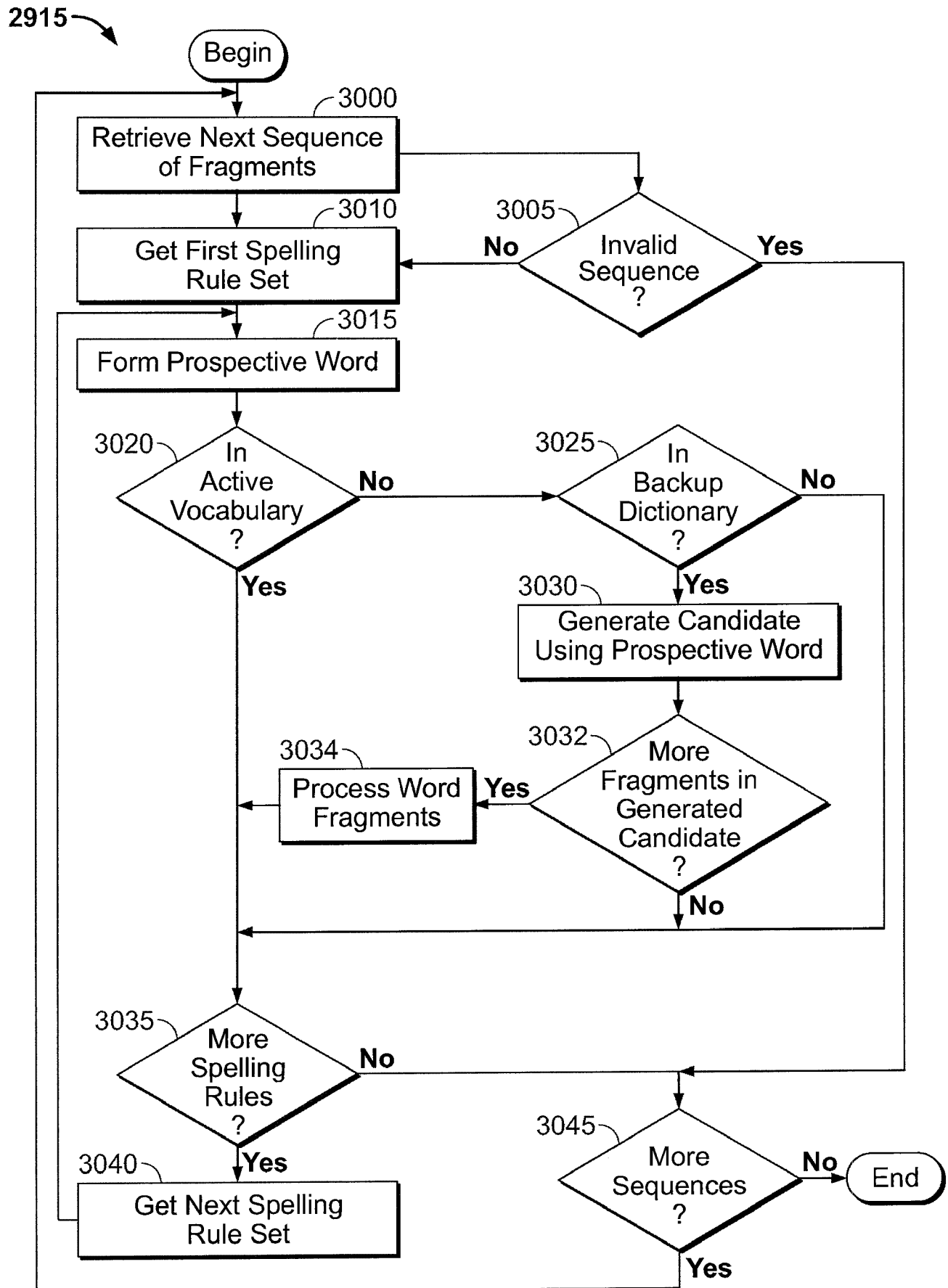


FIG. 30